

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mitsuru IWASAKI et al.  
Title: CORE STRUCTURE OF INTEGRAL  
HEAT-EXCHANGER  
Appl. No.: Unassigned  
Filing Date: February 8, 2001  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Mitsuru IWASAKI  
Kazunori NAMAI

☐ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (25 pages).
- ☒ Informal drawings (15 sheets, Figures 1-19).
- ☒ Unexecuted Declaration and Power of Attorney (4 pages).
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- ☒ Information Disclosure Statement.
- ☒ Form PTO-1449 with copies of 4 listed reference(s).
- ☐ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

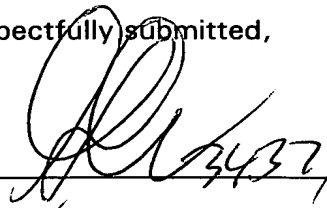
	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	24	- 20	= 4	x \$18.00	= \$72.00
Independents:	2	- 3	= 0	x \$80.00	= \$0.00
If any Multiple Dependent Claim(s) present:				+ \$270.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late payment of filing fee				+ \$130.00	= \$130.00
				SUBTOTAL:	= \$912.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$912.00

- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By

  
Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

Date February 8, 2001

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399

1c973 U.S. PTO  
09/778660  
02/08/01